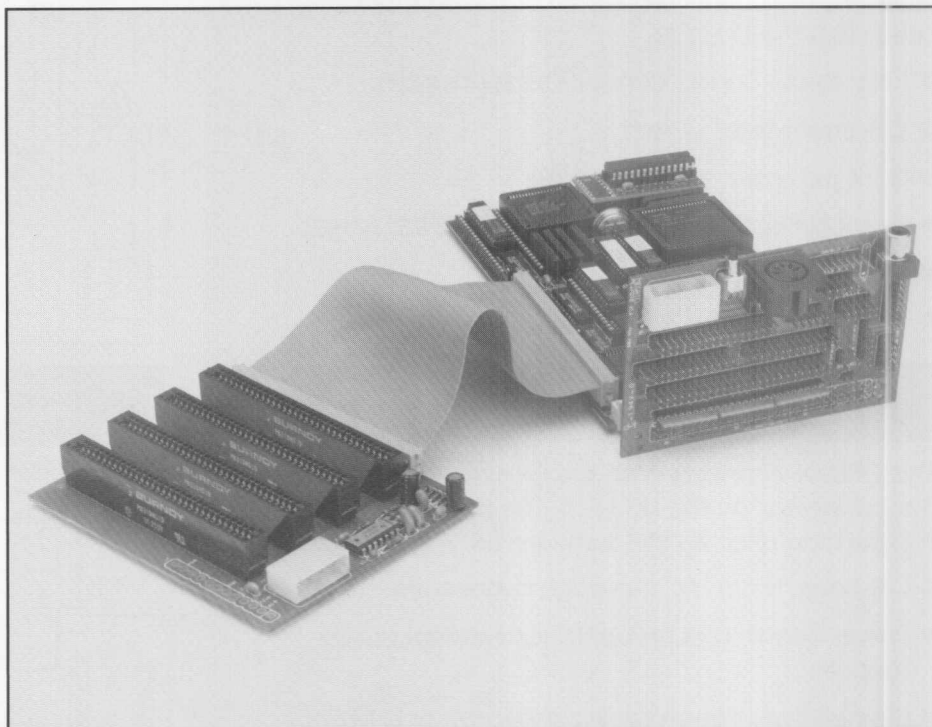


The D.U.C.K. is a low power, high performance IBM** XT compatible single board computer with a direct interface to Densitron's large graphic flat panels. It is compatible with Densitron's wide range of 200x640 and 400x640 LCD and plasma panels. This product offers all the functionality of a standard IBM PC on a compact board size of 4" x 6".

When combined with a Densitron display, this board offers a complete hardware platform for any PC-based application. The video interface on the board provides up to 4 levels of gray-scaling capability for either LCD or plasma panels. The D.U.C.K. is compatible with all existing CGA, MDA, HGA and MS-DOS software.



EPROM-RAM DISK ACCESSORY

The DD-ERD01 is an EPROM and RAM disk board which is configured as one or two floppy drives. The board connects to any of the 4 slots available on the DPB-01 Passive Backplane and is compatible with MS-DOS software. The DD-ERD01 is ideally suited for diskless applications.

DESCRIPTION

- 256Kbytes of EPROM
- 128Kbytes of non-volatile CMOS static RAM
- High speed, low power CMOS technology
- On-board power fail detection circuitry
- Additional EPROM capacity available with extra card expansion

*D.U.C.K. — Display Under Computer Kontrol

**IBM is a registered trademark of International Business Machines Corp.

- Compact board size of 4" x 6"
- Faster access times than floppy disks
- Write protection on RAM disk
- + 5V @ 250mA power consumption (max.)
- Additional static RAM capacity available with extra card expansion

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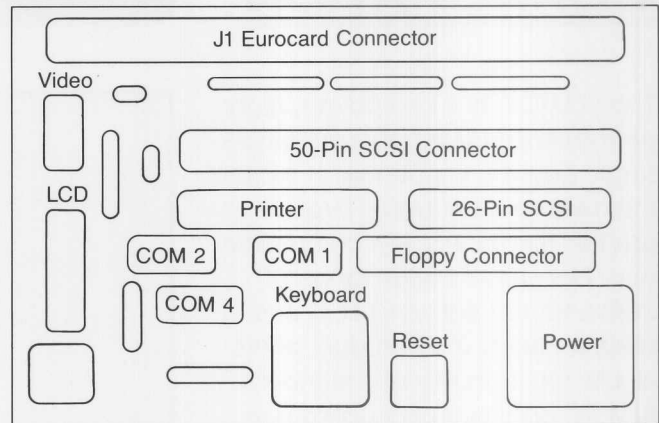
SPECIFICATIONS

DTB TRANSITION BOARD

The DTB-01 connects with the 96-pin Eurocard connector on the D.U.C.K. The board offers industry standard I/O connectors for all of the peripherals used with the D.U.C.K.

- Easy to use connection for D-shell headers
- On-board reset switch
- Light pen connection available
- Easy connection to Densitron graphic flat panels
- Standard SCSI connection
- Compact size of 2 $\frac{3}{4}$ " x 4"

BLOCK DIAGRAM

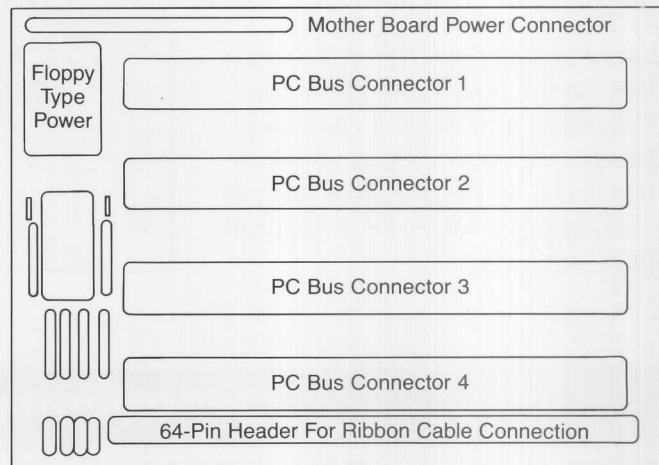


DPB PASSIVE BACKPLANE

The DPB-01 connects with the 64-way IBM PC bus connector on the D.U.C.K. The board provides 4 expansion slots via the standard 64-way PC bus.

- On-board 4-slot PC bus edge connectors
- Power connectors on-board for external power supplies
- Easy 64-way ribbon cable connection to D.U.C.K.
- Compact size of 3 $\frac{1}{2}$ " x 4 $\frac{1}{4}$ "

BLOCK DIAGRAM



ORDERING INFORMATION

MODEL NO.	DESCRIPTION
DD-ERD01	EPROM-RAM disk board
DTB-01	Transition board for connection to the 96-pin Eurocard connector
DPB-01	Passive backplane with 4 slots for PC bus expansion
DD-CBLE-01	Cable assembly (for use on DTB-01 and DPB-01)



DENSITRON CORPORATION

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